User's Manual

DX-325

Wireless 802.11n Multi-functional Storage Router

WiDRIVE DX-325 User's Guide
Copyright © 2010 EDSLAB Tech. Inc.

Version 0.4

Table of Contents

- Declarations, disclaimers, instructions of guidings iii
- Safety and care instructions iv

1 Understand Your WiDRIVE 1

Overview of Your WiDRIVE DX-325 1
Package Content 2
The LED Status Indicators 2
Understand the LED indicators 3
Power on Your WiDRIVE 3
Shutdown Your WiDRIVE 3
Mode Selection 3

2 Setup Your WiDRIVE. 5

HDD Installation. 5
AP Mode Setup 6
Client Scan Mode Setup 7
USB Mode Setup 8

3 WiDRIVE Utility 9

Install your WiDRIVE Utility 10
To search and operate your WiDRIVE through Utility 10

4 WiDRIVE Web Control 11

Login 11
Overview of WiDRIVE Web Control 11
My Folder (Disk Management) 12
Working with Folders and Files 13
Quick Connection 16
BitTorrent 17
System Setting 19
Account Setting 23
System Status. 24
Maintenance 26

5 WiDRIVE Applications 28

The Default Applications in your WiDRIVE 28

6 Specification 30

7 Regulatory Information 31

FCC Compliance 31
CE Compliance 31

8 Trouble Shooting 33

9 Contact Information. 34

Copyright © 2010 EDSLAB Tech. Inc.

Declarations, disclaimers, instructions of guidings

Note, Notice, Caution symbols among the user manual

NOTE!
Provides extra information for better use of the products.

Notice!
Indicates behaviours that might cause a potential data loss on WiDRIVE or on the device that connects to it.

Caution!
Indicates behaviours that might cause damage on product, human injury, or death.

Declaration
Information in this document is subject to change without notice or obligation.
Copyright © 2010 EDSLAB Technologies Inc. All rights reserved.

Disclaimer
Any loss, corruption or destruction of data while using a WiDRIVE is the sole responsibility of the user, and under no circumstances will EDSLAB be held liable for the recovery or restoration of this data. To help prevent the loss of your data, EDSLAB highly recommends that you at least keep one copy of your data. For example, you can save the copy either on your internal hard disk or portable storage media.

Safety and care instructions

Please read the following safety information prior to using WiDRIVE.

- Only qualified personnel should service WiDRIVE. Faulty installation or service may be dangerous and may invalidate any warranty applicable to WiDRIVE.
- WiDRIVE can cause interference to pacemakers, hearing aids, and medical equipment. Keep safe distances from medical devices when operating in such environments.
- Do not store or carry flammable liquids, gases, or explosive materials in the same compartment as WiDRIVE.
- Switch your WiDRIVE off when in any area with a potentially explosive atmosphere, and obey all signs and instructions. Sparks can cause an explosion or fire resulting in bodily injury or even death.
- Do not drop or knock WiDRIVE. Rough handling can damage the electronics board and hard drive in WiDRIVE.
- Do not expose WiDRIVE to extreme temperature. Do not put WiDRIVE on heating devices such as microwave oven, stove, or radiator. The device may explode when overheated.
- Clean WiDRIVE surface with soft damp cloth. Do not use any cleaning agent.
- Keep WiDRIVE dry. Any precipitation, humidity, and liquids can corrode electronic circuits in WiDRIVE.

Copyright © 2010 EDSLAB Tech. Inc.

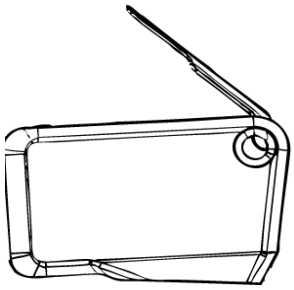
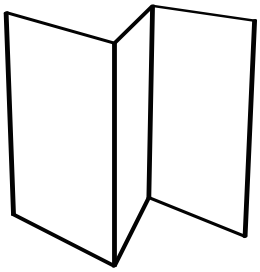
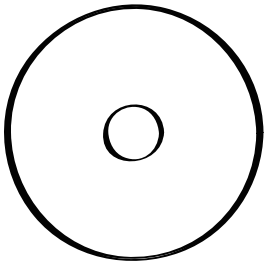
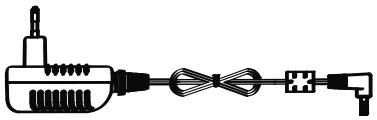
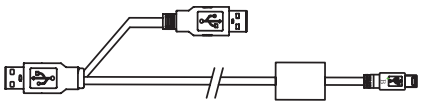
1 Understand Your WiDRIVE

Overview of Your WiDRIVE DX-325

Copyright © 2010 EDSLAB Tech. Inc.

Package Content

Your WiDRIVE DX325 has shipped along with the following content. Ensure you have all the following items.

WiDRIVE DX-325 	Quick Start Guide 	Utility CD with Manual 
5V 2A power adapter 	Ethernet cable (40cm)	Mini USB to USB cable (40cm) 

The LED Status Indicators

Copyright © 2010 EDSLAB Tech. Inc.

Understand the LED indicators

Indicator	Status	Indication
⏻	Power on	Green
	Booting up	Flashing between orange and green
	System ready	Green
	Shutting down	Flashing between orange and green
WiFi	Not ready	Flashing between orange and green
	WiFi ready	Green
	WiFi on work	Flashing green
LAN	LAN port plugged in	Green
	Data transferring	Flashing green
HDD	Data transferring	Flashing between orange and green

Power on Your WiDRIVE

Press the Power button ⏻ to power on your WiDRIVE.

Shutdown Your WiDRIVE

Normal shutdown

You can click **Shutdown** button on ***Maintenance*** page in web control or shortly press the Power button ⏻ to normal shutdown your WiDRIVE.

Force shutdown

Long press the Power button ⏻ to force shutdown your WiDRIVE.

Notice!

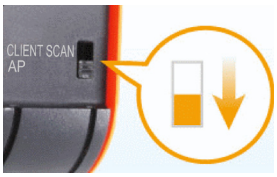
Performing force shutdown might cause potential data damage to HDD installed in your WiDRIVE.

Mode Selection

You can connect your device with WiDRIVE in three ways: Access Point (AP) mode, Client Scan mode, and USB mode.

Access Point (AP) Mode

Your WiDRIVE performs as a wireless storage router in AP mode.
Slide the mode switch down and power on your WiDRIVE.
Connect WiDRIVE and router/modem with an ethernet cable, and then wirelessly connect your PC to WiDRIVE (See “AP Mode Setup” on page 6 to setup AP mode).



Copyright © 2010 EDSLAB Tech. Inc.

Client Scan Mode

Your WiDRIVE performs as a driverless 802.11N wireless adapter in Client Scan mode.
Slide the mode switch up and power on your WiDRIVE. Connect your computer with WiDRIVE by an ethernet cable, and then wirelessly connect your WiDRIVE to a router (See “Client Scan Mode Setup” on page 7 to setup Client Scan mode).

USB Mode

Connect WiDRIVE and your computer with an USB cable, your WiDRIVE is behaved as an external storage device in USB mode.

Copyright © 2010 EDSLAB Tech. Inc.

2 Setup Your WiDRIVE

HDD Installation

Please follow these 3 steps to install a HDD.

1. Dissemble the HDD side cover.

   i. Press the back of the middle frame to loosen the hook.

   ii. Take apart the HDD side cover.

2. Slide HDD into SATA connector (ensure HDD is fully inserted into connector).

3. Hook on and then push the side cover toward the middle frame until you hear a click.

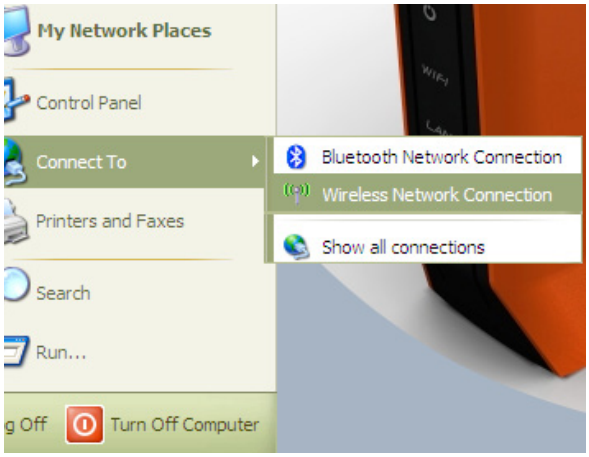
Copyright © 2010 EDSLAB Tech. Inc.

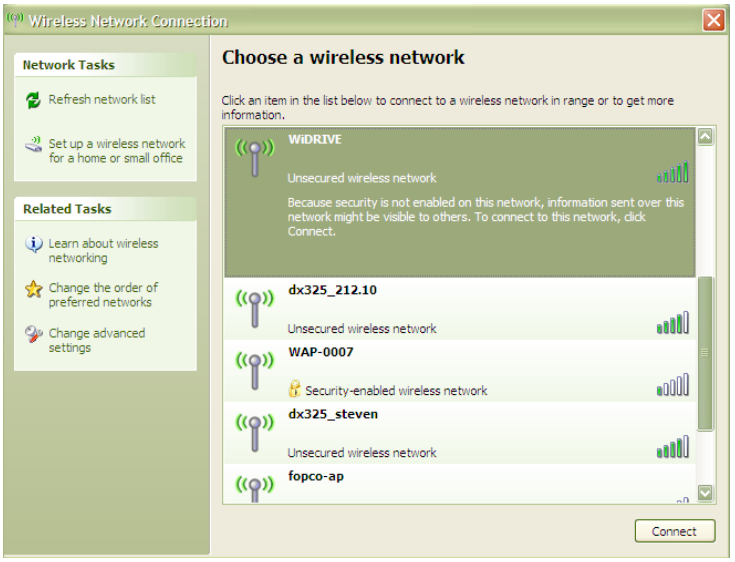
AP Mode Setup

In AP mode, your WiDRIVE connects to and shares the internet. Your devices connects to WiDRIVE wirelessly:

1. Slide the mode switch to AP mode.
2. Connect your WiDRIVE with internet/DSL/modem with an ethernet cable.
3. Connect the power cable to your WiDRIVE and power on your WiDRIVE.
4. Now your WiDRIVE behaves like an wireless router. Connect your WiDRIVE by Windows XP.

   i. Open Windows Start Menu, select “Connect To”, left-click “Wireless Nerwork Connection”.




Wireless Network Connection
Network Tasks
Refresh network list
Set up a wireless network for a home or small office
Related Tasks
Learn about wireless networking
Change the order of preferred networks
Change advanced settings
Choose a wireless network
Click an item in the list below to connect to a wireless network in range or to get more information.
WiDRIVE
Unsecured wireless network
Because security is not enabled on this network, information sent over this network might be visible to others. To connect to this network, click Connect.
dx325_212.10
Unsecured wireless network
WAP-0007
Security-enabled wireless network
dx325_steven
Unsecured wireless network
fopco-ap
Connect

Copyright © 2010 EDSLAB Tech. Inc.

ii. Left-click “View Wireless Networks“ button.

iii. Select “WiDRIVE“ to connect.

5. Now you can open the web browser with WiDRIVE IP address (default: http://192.168.2.1). See “WiDRIVE Web Control” on page 11 for operation guide.

Note!

See “WiDRIVE AP Mode Setting” on page 20 to configure AP mode.

Client Scan Mode Setup

In Client Scan mode, your device connects to WiDRIVE with an ethernet cable. Your WiDRIVE performs as a wireless adapter:

1. Slide the mode switch to Client Scan mode.
2. Connect your device to WiDRIVE with an ethernet cable.
3. Connect the power cable to your WiDRIVE and power on your WiDRIVE.
4. Open web browser with WiDRIVE IP address (default: http://192.168.2.1). See “WiDRIVE Web Control” on page 11 for operation guide.

Note!

See “WiDRIVE Client Scan Mode Setting” on page 22 to configure Client Scan mode.

Note!

For connecting your WiDRIVE to a WiFi router, see “Quick Connection” on page 16 for operation guide.

Copyright © 2010 EDSLAB Tech. Inc.

USB Mode Setup

Connect your device to WiDRIVE with an USB cable, your WiDRIVE automatically switches to USB mode and performs as an external mass storage device.

Note!

The network function switches off automatically once the USB cable connects to your WiDRIVE.

Notice!

Shutdown your WiDRIVE before switching to USB mode.

Notice!

Run Safely Remove Hardware process before you unplug WiDRIVE from computer to ensure the data completeness.

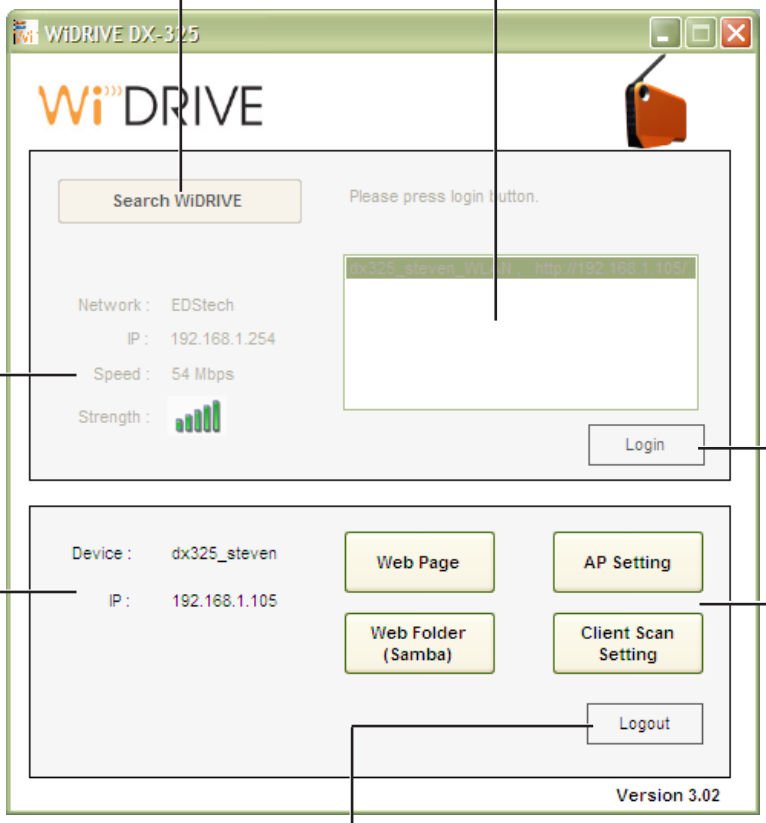
Copyright © 2010 EDSLAB Tech. Inc.

3 WiDRIVE Utility

The WiDRIVE Utility is a convenient Windows application to quickly search, connect, and control your WiDRIVE.

Search WiDRIVE
Click to search the WiDRIVE in your network.

Searched Device Box
The searched devices are listed here.



Current Wireless Signal Connection
Shows the network connection status of your PC when searching WiDRIVE.

Current WiDRIVE Connection
Shows the SSID and IP address of the WiDRIVE connected.

Login
Click to login the WiDRIVE you selected in Searched Device Box.

Logout
Logout your WiDRIVE.
Note!
The connection does not terminated after you click on Logout button.

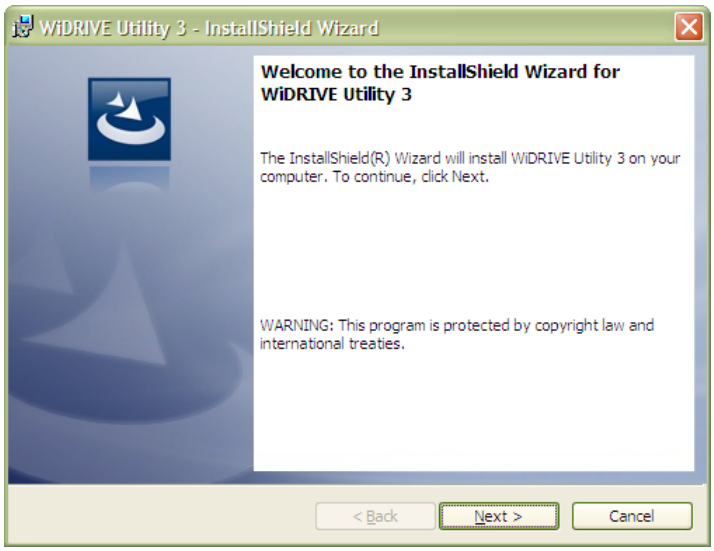
Operation Buttons
Click to access the WiDRIVE web page, Web Folder, and connection settings.

Note!
The WiDRIVE Utility only works in Windows operation system with .Net Framework 2.0 support.

Copyright © 2010 EDSLAB Tech. Inc.

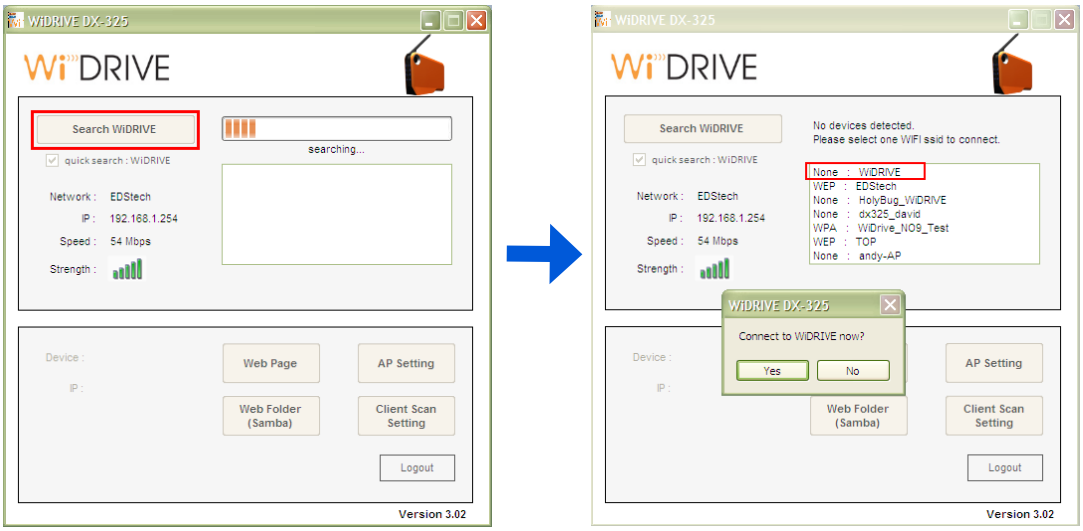
Install your WiDRIVE Utility

The setup program can be found in Utility CD or official website. Double click on the setup icon and follow the instructions to install the Utility.


WiDRIVE Utility 3 - InstallShield Wizard
Welcome to the InstallShield Wizard for WiDRIVE Utility 3
The InstallShield(R) Wizard will install WiDRIVE Utility 3 on your computer. To continue, click Next.
WARNING: This program is protected by copyright law and international treaties.
< Back
Next >
Cancel

To search and operate your WiDRIVE through Utility

Follow the instructions to search and operate your WiDRIVE.



1. Click on Search button, the WiDRIVE in your current network environment are listed down for your selection.
2. Select and then login to use your WiDRIVE through the Utility.

Note:

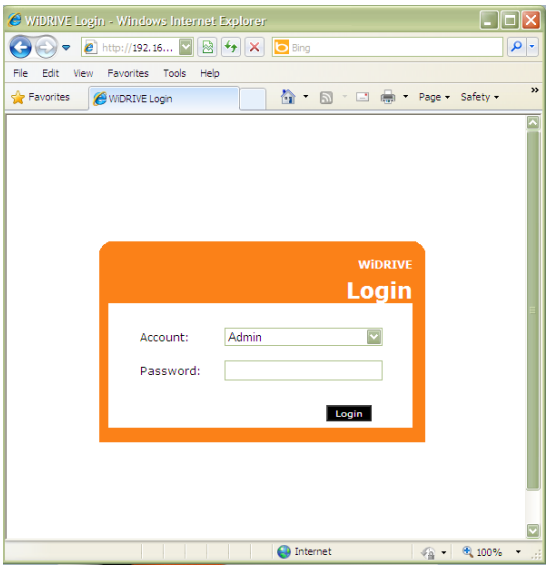
The WiDRIVE Utility memorizes the latest WiDRIVE connection. You can check on "quick search: *WiDRIVE SSID*" option to find the latest connected WiDRIVE quicklier.

Copyright © 2010 EDSLAB Tech. Inc.

4 WiDRIVE Web Control

Login

Open web browser with WiDRIVE IP address (default: http://192.168.2.1) to enter WiDRIVE login page. Enter your account and password to login WiDRIVE Web Control.



Note!
Default account and password
Account: Admin
Password: admin

Overview of WiDRIVE Web Control

When you log in as “Admin“, you will see a series of navigation links:

Icon	Go to page	Description
	“My Folder”	*My Folder* is an ideal data center of your network. You can easily share files by upload them to WiDRIVE, and manage them (move, delete, rename, etc.) in *My Folder*.
	“Quick Connection”	You can quickly connect your WiDRIVE with a wireless signal in *Quick Connection* page. **Note!** *Quick Connection* only available in Client Scan mode.
	“BitTorrent”	You can upload the torrent seed, and performs PC-less BitTorrent download in *BitTorrent* page.
	“System Setting”	You can set network configurations in both AP mode and Client Scan mode in *System Setting* page.
	“Account Setting”	• Modify admin account and password. • Add, delete, modify user account and password. • DDNS setting.
	“System Status”	*System Status* displays runtime status of your WiDRIVE.
	“Maintenance”	Upgrade firmware, reboot, shut down, factory reset, and format HDD on your WiDRIVE.

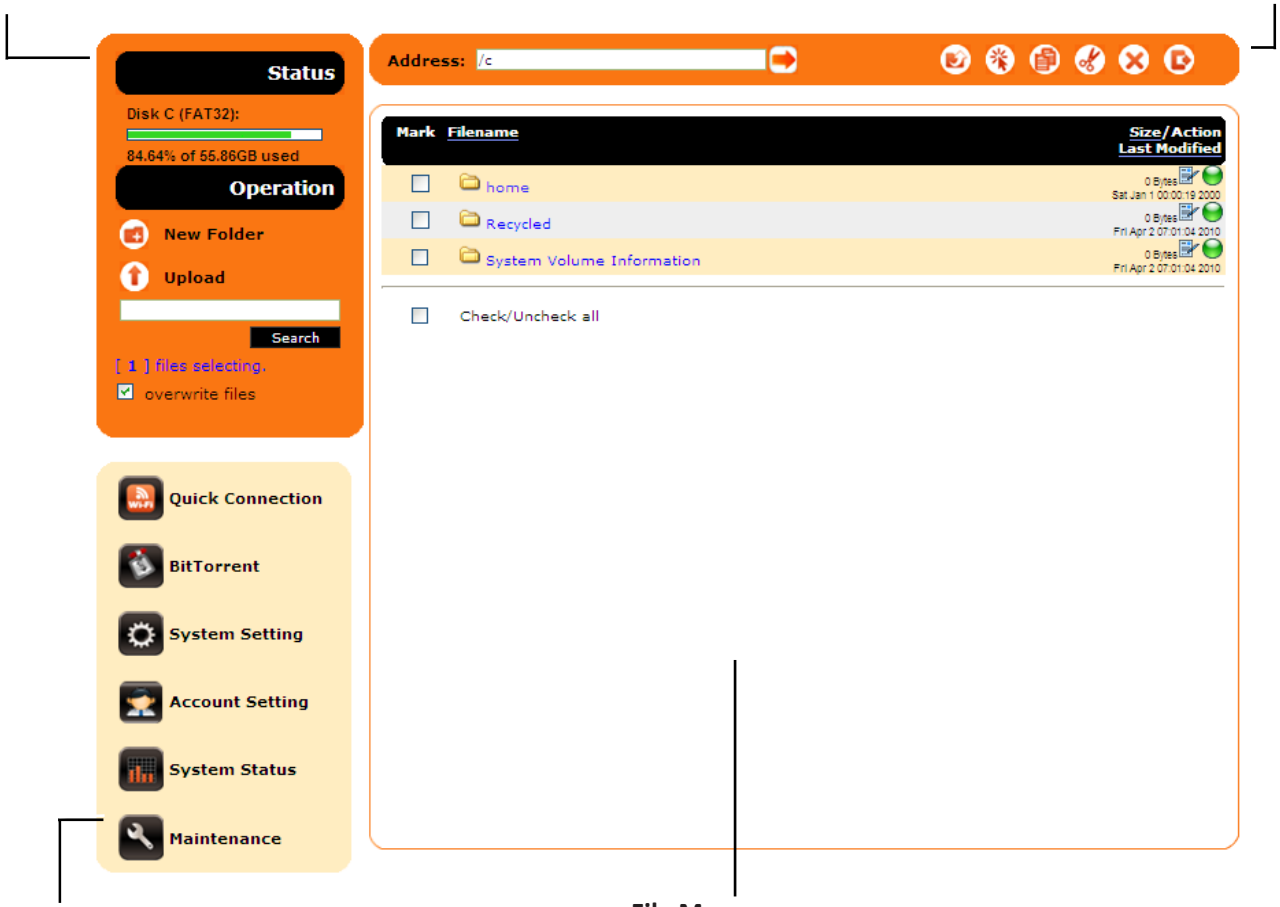
Copyright © 2010 EDSLAB Tech. Inc.

My Folder (Disk Management)

My Folder page is displayed once you have logged in. The navigation menu is divided into four main sections:

Status and Operation
This includes status of partition, volume, and the file operations such as create new folder, upload file, search file, and the selected file pool of your WiDRIVE.

Folder Operation Bar
You can operate file selection, copy, move, delete on this bar. You can also go to any allowed file location by typing address directely.



Links
List down the links to applications and system management pages.

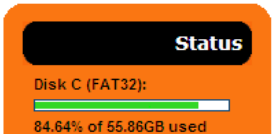
File Menu
The file menu lists down all files and folders in the folder you are navigating.

Copyright © 2010 EDSLAB Tech. Inc.

Working with Folders and Files

Check the storage status of the HDD installed

You can check the volume and used percentage of each partition on "**Status and Operation**".

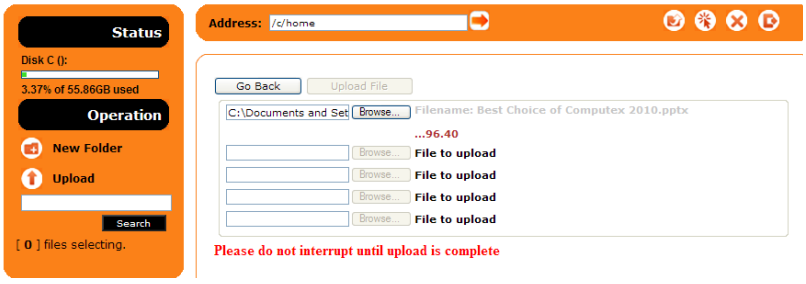


Create Folder

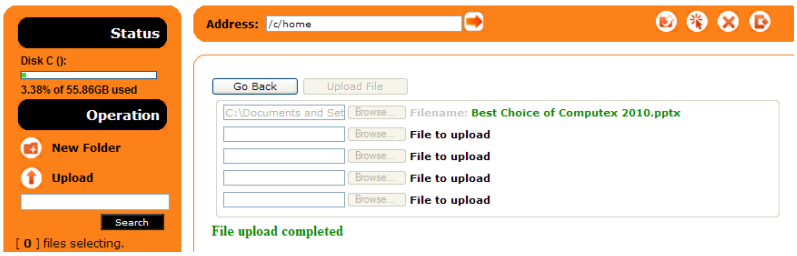
1. Navigate to the path in which you want to create a new folder.
2. Click on New Folder icon on "**Status and Operation**", type the name of the folder, and then click on "Create" button.

Upload files

1. Navigate to the folder where you want to store the file.
2. Click the Upload File icon in "**Status and Operation**", and then click on Browse button to select the file in your computer.



3. Click on the Upload File button to upload the files to the current path.



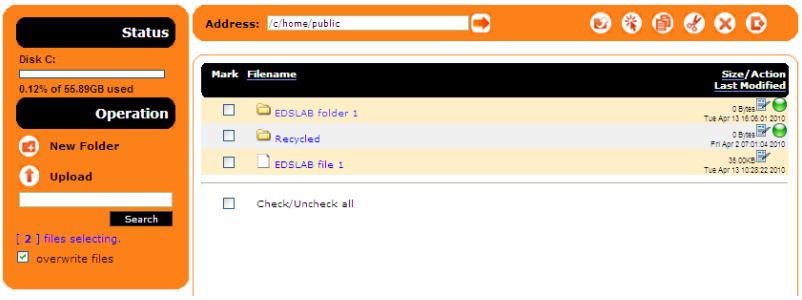
Copyright © 2010 EDSLAB Tech. Inc.

Search File

Type the keyword and then click on Search button to find the file you required.

Download a file or open a folder

Simply click on the icon or file name/folder name on the "**File Menu**", if you click on the file, the file download process begins; else if you click on the folder, the folder is opened.



Rename file or folder

Click on Rename icon on the "**File Menu**", type the new name, and then click on "Rename" button.

Copy/Move file/folder

1. Navigate to the parent folder of the files/folders you want to copy or move.

2. Select the files/folders and then click on Select icon in "**Folder Operation Bar**" to add the selected files/folders to Selected File Pool (represented as [*number of selected files*] files selected) on "**Status and Operation**". You can click on Selected File Pool to see files and folders selected. Click "Go back" to return to the location you navigated.

3. Go to the location you want to paste the files/folders to in the Selected File Pool. Click Copy icon or Move icon to place files to the current path.

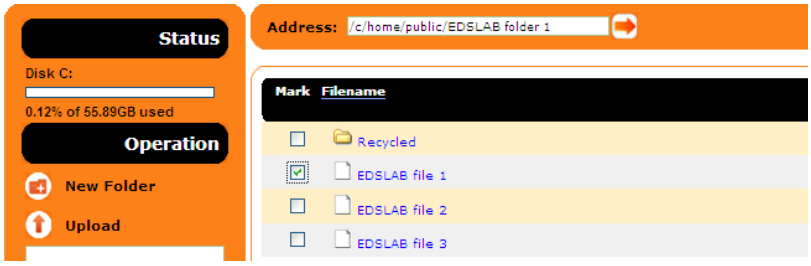
Note!

"Copy" in this way duplicates the files/folders in the original location; "move" relocates their location.

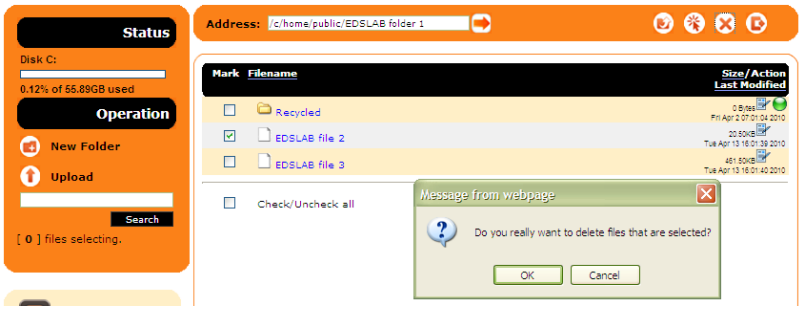
Copyright © 2010 EDSLAB Tech. Inc.

Delete files/folders

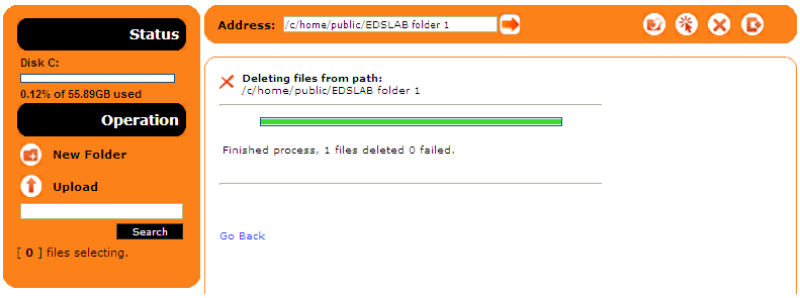
1. Navigate to the parent folder of the files/folders you want to delete.



2. Select the files/folders.



3. Click on Delete icon to delete files/folders selected.

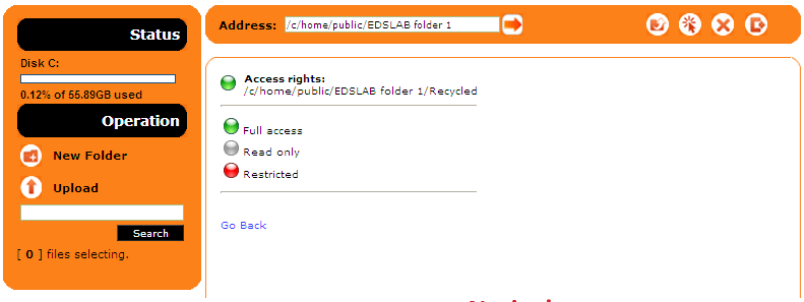


Managing Access to Folders

To change the folder permission of user accounts:

1. You may click the Access Rights icon on the right hand side of the folder.

2. Click on one of the colored icons (for full access, for readonly, for restricted access) to change the access permission.

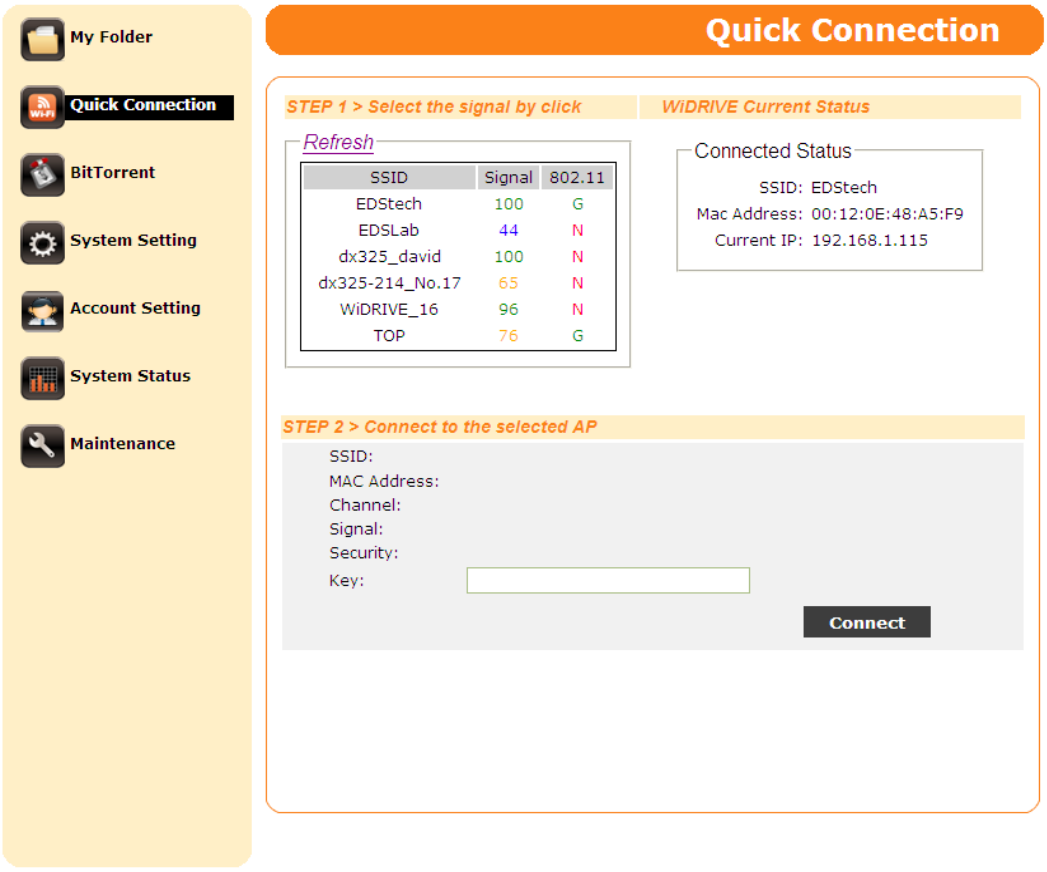


Notice!
Only administrator account has the authority of changing the folder access permission.

Copyright © 2010 EDSLAB Tech. Inc.

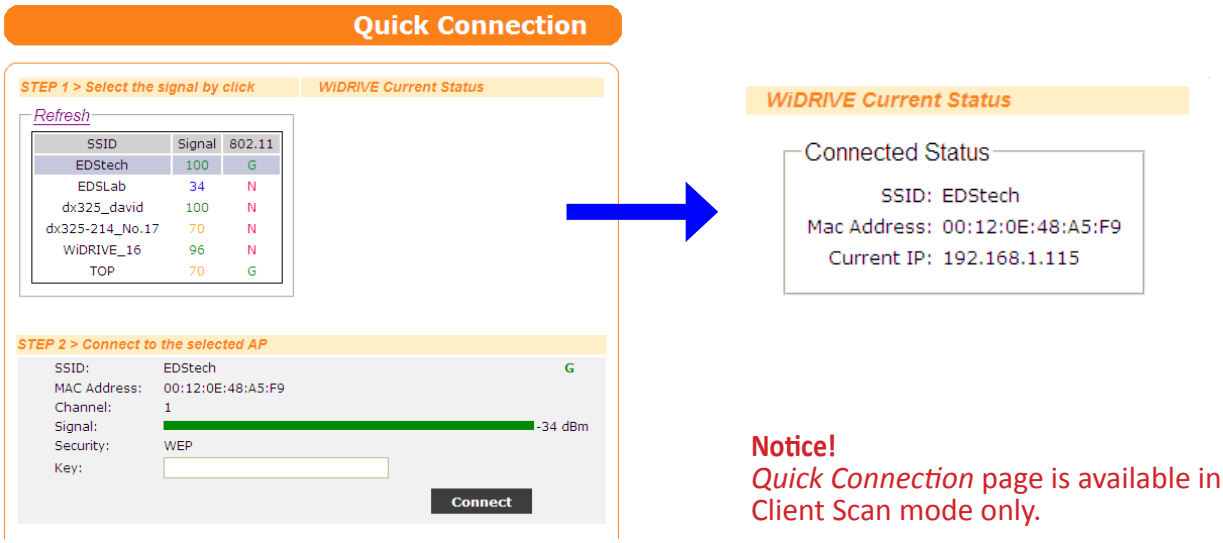
Quick Connection

The *Quick Connection* page helps you to connect your WiDRIVE (in Client Scan mode) to a wireless router.



1. Select one router in the wireless signal table in [STEP1> Select the signal by click], the information of the router appears in the [STEP2> Connect the selected AP] section.

2. Enter the security key and then click on Connect button to start connection. The connection status shows in the [WiDRIVE Current Status] section.

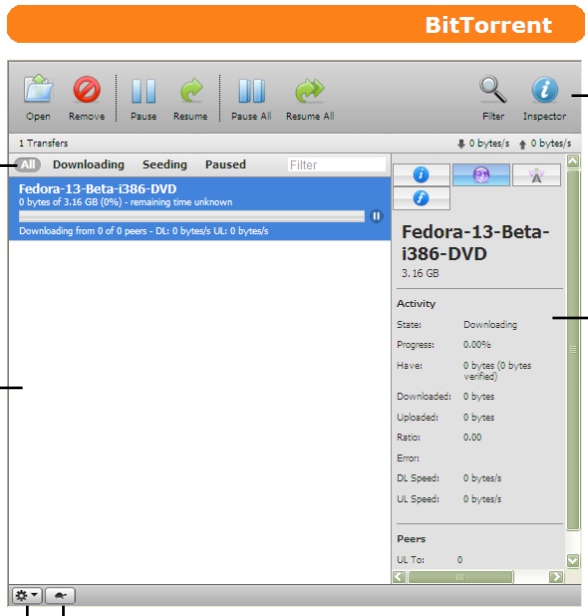


Notice!
Quick Connection page is available in Client Scan mode only.

Copyright © 2010 EDSLAB Tech. Inc.

BitTorrent

You can process PC-less BitTorrent download after enable Transmission BitTorrent Client in your WiDRIVE. For more information about Transmission BitTorrent please go to http://www.transmissionbt.com.



Filter Bar
You can filter the torrent file shown in the list via the Filter Bar.

Torrent File List
All of your torrent files and their status are listed here.

Control Bar
You can upload and manage the torrent file on the Control Bar.

Inspector
You can see the detailed information of the selected torrent file.

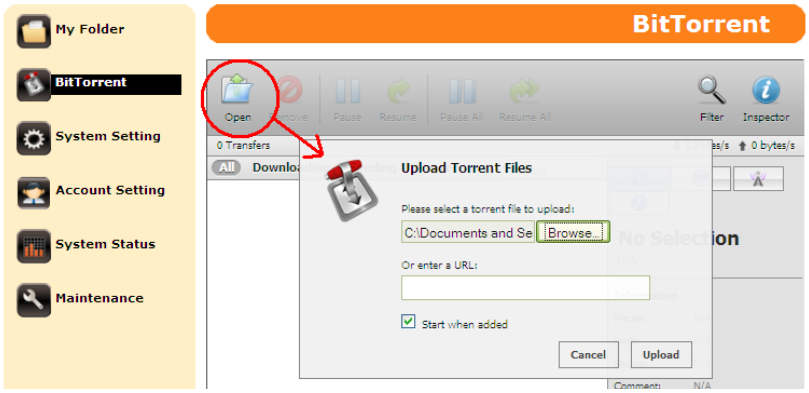
Preference Setting
You can setup speed limit and basic configurations here.

Notice!
You have to install and enable the BitTorrent application to activate this function. See “WiDRIVE Applications” on page 28 for operation guide.

Copyright © 2010 EDSLAB Tech. Inc.

Upload a Torrent Seed and Start Download

Click on Open button to upload torrent seed for file download.

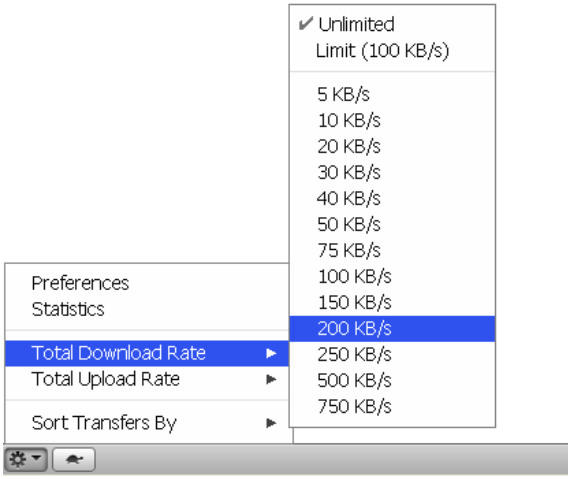


BitTorrent operations on the Control Bar

Button	Function	Description
	Remove	Click to remove the selected torrent files.
	Pause	Click to pause the selected torrent files from downloading or seeding.
	Resume	Click to resume the downloading or seeding for the selected torrent files.
	Pause All	Click to pause all torrent actions.
	Resume All	Click to resume all torrent actions.
	Filter	Click to hide/unhide the filter bar.
	Inspector	Click to see the detailed information of the selected torrent file.

Configure BitTorrent Parameter Through Preference Setting

You can configure BitTorrent parameter such as download folder, port, rate, etc in Preference Setting at the left bottom of the *BitTorrent* page.



Copyright © 2010 EDSLAB Tech. Inc.

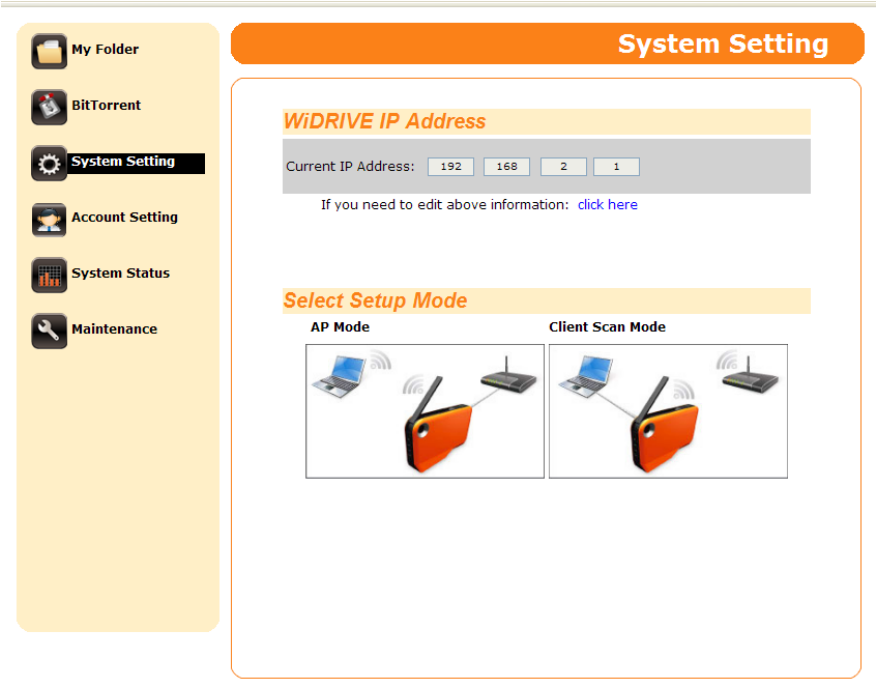
System Setting

You can configure your WiDRIVE in the *System Setting*. Click on “Complete“ botton to save the settings.

WiDRIVE IP Address

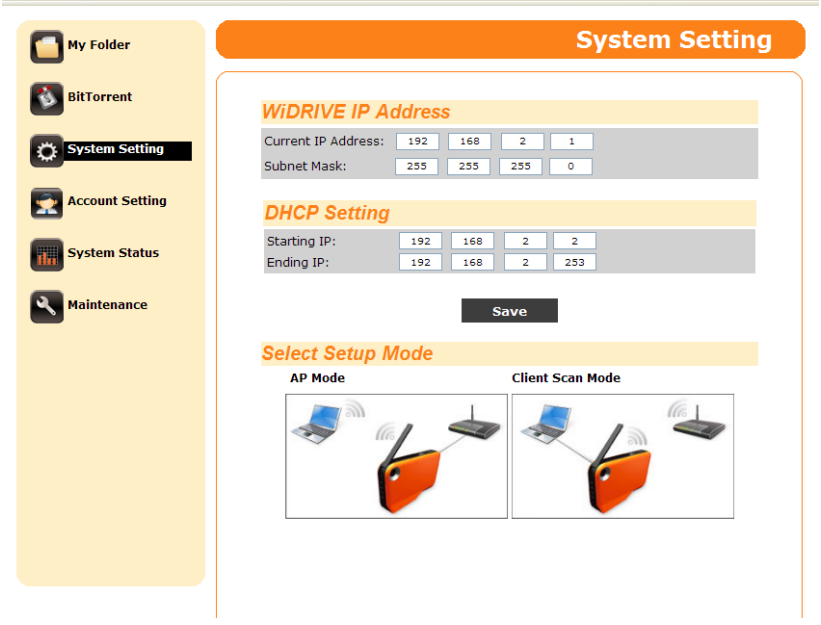
First, setup the IP address of your WiDRIVE in the entry page of *System Setting*:

- Basic LAN setting: setup the WiDRIVE IP address in the LAN.



WiDRIVE IP Address	
Current IP Address	The default value is: 192.168.2.1, however you can always manually assign the IP address to your WiDRIVE.

- Advanced LAN setting: click on Click Here link to extend the items from basic LAN settings. The [DHCP Settings] pops up and you can define the range of IP.

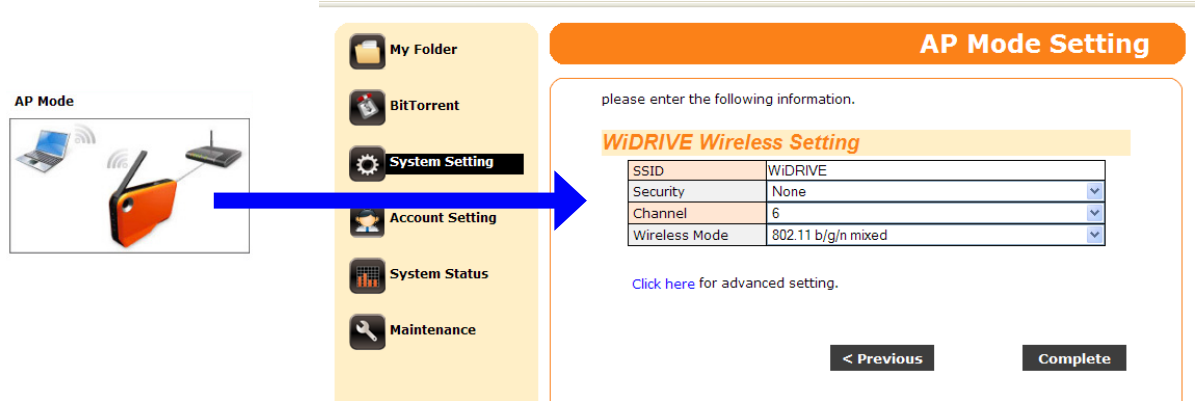


Copyright © 2010 EDSLAB Tech. Inc.

WiDRIVE IP Address	
Current IP Address	The default value is: 192.168.2.1, however you can always manually assign an IP address to your WiDRIVE.
Subnet Mask	You can manually assign the subnet mask of your WiDRIVE. We strongly suggest you to use the default value: 255.255.255.0.
DHCP Settings Define the IP range of DHCP server.	
Starting IP	The start of the range of IP available for your WiDRIVE network.
Ending IP	The end of the range of IP available for your WiDRIVE network.

WiDRIVE AP Mode Setting

Your WiDRIVE performs as a wireless router in AP mode. Click on the AP Mode icon in the [Select Setup Mode] section to enter *AP Mode Setting* page:



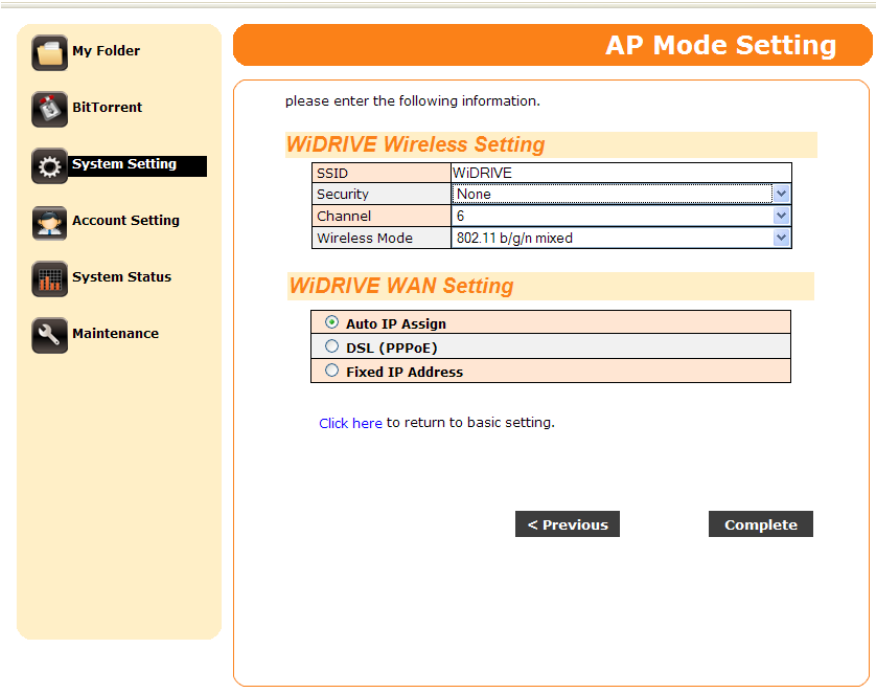
• Basic setting

WiDRIVE Wireless Setting: Configure wireless network of WiDRIVE.	
SSID	This is the wireless network name of your WiDRIVE. It must be identical on all points of the wireless network and cannot exceed 32 characters.
Security	• If you select “None” from the dropdown bar, your wireless network transfers data without safety encryption. • Otherwise select a security rule and then enter the password to enable the safety protection. The security capability from basic to strict: WEP 64 bit ▶ WEP 128 bit ▶ WPA ▶ WPA2 ▶ WPA+WPA2 *WiDRIVE Wireless Setting* SSID: WiDRIVE Security: WEP 64 bit Key: Channel: 6 Wireless Mode: 802.11 b/g/n mixed
Channel	• Select “Auto” from dropdown bar, your WiDRIVE automatically switches to the best channel available. • Otherwise you can manually assign a channel to your WiDRIVE.
Wireless Mode	• 802.11 b/g mixed: select if your use 802.11 b and 802.11 g devices. • 802.11 b/g/n mixed: select if your use 802.11 b, 802.11 g, and 802.11 n devices. • 802.11 n only: select if your devices are 802.11n.

Copyright © 2010 EDSLAB Tech. Inc.

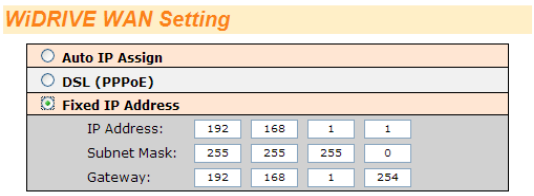
• Advanced setting

Click on “Click Here” for advanced settings. The [WiDRIVE WAN Setting] pops up.



WiDRIVE Wireless Setting: Configure your wireless network of WiDRIVE.	
SSID	This is the wireless network name of your WiDRIVE. It must be identical on all points of the wireless network and cannot exceed 32 characters.
Security	• If you select “None” from the dropdown bar, your wireless network transfers data without safety encryption. • Otherwise select a security rule and then enter the password to enable the security protection. The security capability from basic to strict: WEP 64 bit ▶ WEP 128 bit ▶ WPA ▶ WPA2 ▶ WPA+WPA2
Channel	• Select Auto from dropdown bar, your WiDRIVE automatically switches to the best channel available. • Otherwise you can manually assign a channel to your WiDRIVE.
Wireless Mode	• 802.11 b/g mixed: select if your use 802.11 b and 802.11 g devices. • 802.11 b/g/n mixed: select if your use 802.11 b, 802.11 g, and 802.11 n devices. • 802.11 n only: select if your devices are 802.11n.
WiDRIVE Internet Setting: Configure how your WiDRIVE connect with the internet.	
Auto IP Assign	This is the default setting. Your WiDRIVE obtains IP from a DHCP server.
DSL (PPPoE)	WiDRIVE WAN Setting Auto IP Assign DSL (PPPoE) Account: pppoe_user Password: •••••••••••• Fixed IP Address Choose PPPoE (Point to Point Protocol over Ethernet) if your ISP uses a PPPoE connection.

Copyright © 2010 EDSLAB Tech. Inc.

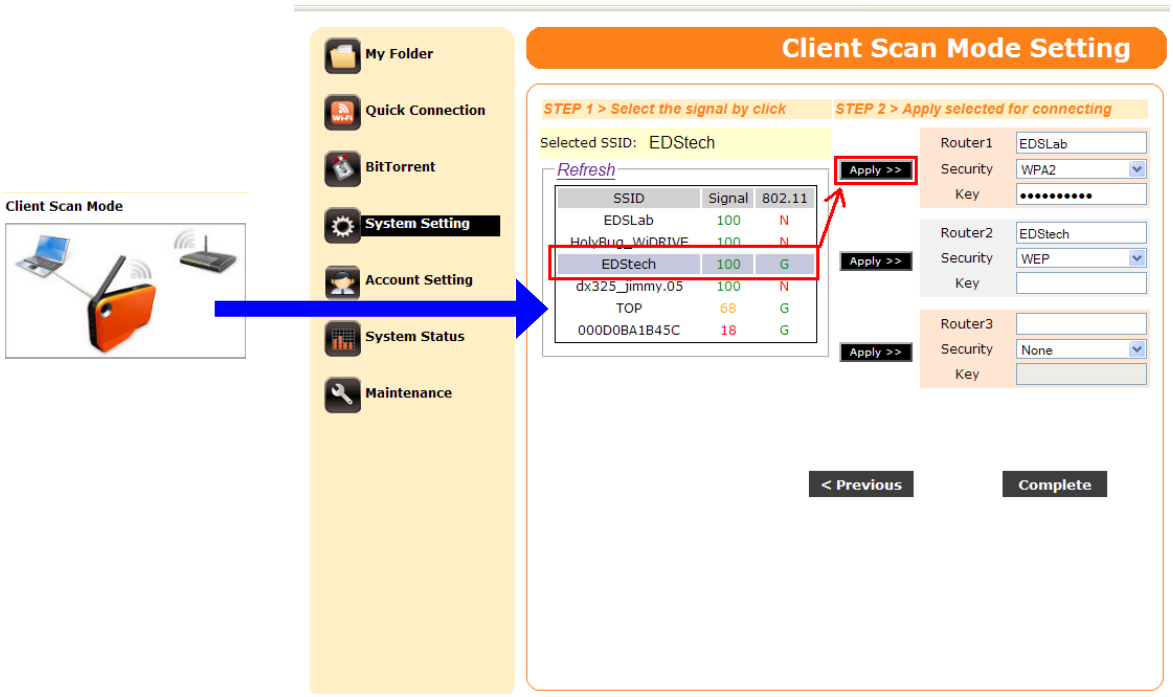
Fixed IP Address	 Fill these three entries if a static connection method is used.

WiDRIVE Client Scan Mode Setting

Click on the Client Scan mode icon in the [Select Setup Mode] section to enter the *Client Scan Mode Setting* page.
You can setup up to 3 preferred wireless networks. When you connect your WiDRIVE in Client Scan mode, it automatically connects to available networks in the order of your router setting.

1. If your WiDRVE is in Client Scan mode, it detects wireless signals around and list them down for your selection. Simply click on the selected wireless signal. If your WiDRIVE is in AP Mode, skip this step.

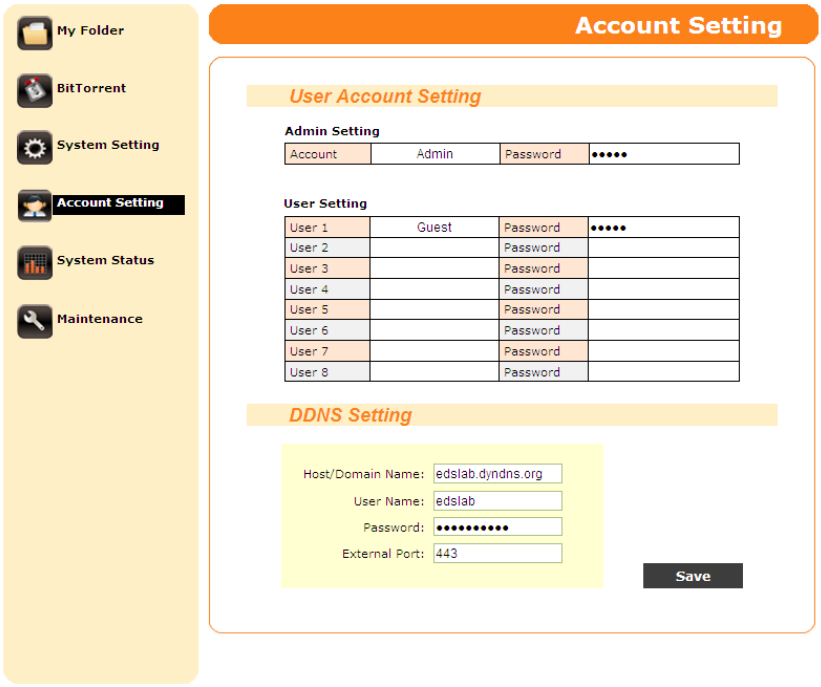
2. If your WiDRVE is in Client Scan mode and a wireless signal has been selected, click on Apply button of the router, the information will be imported and all you have to do is to enter the security key. Otherwise if your WiDRIVE is in AP Mode, type all required information for the setup.



Copyright © 2010 EDSLAB Tech. Inc.

Account Setting

In the *Account Setting* page you can manage accounts and setup DDNS. Click on Save button to save the changes.



User Account Settings

Admin account:

- 1 account
- Password can be modified.
- Has the access right to all function pages and folders in your WiDRIVE.

User account:

- 8 accounts
- Account and password can be modified.
- Has limited access right. Can only access *My Folder* page; and cannot see folders except "\Public" and "*Account*".

DDNS Settings

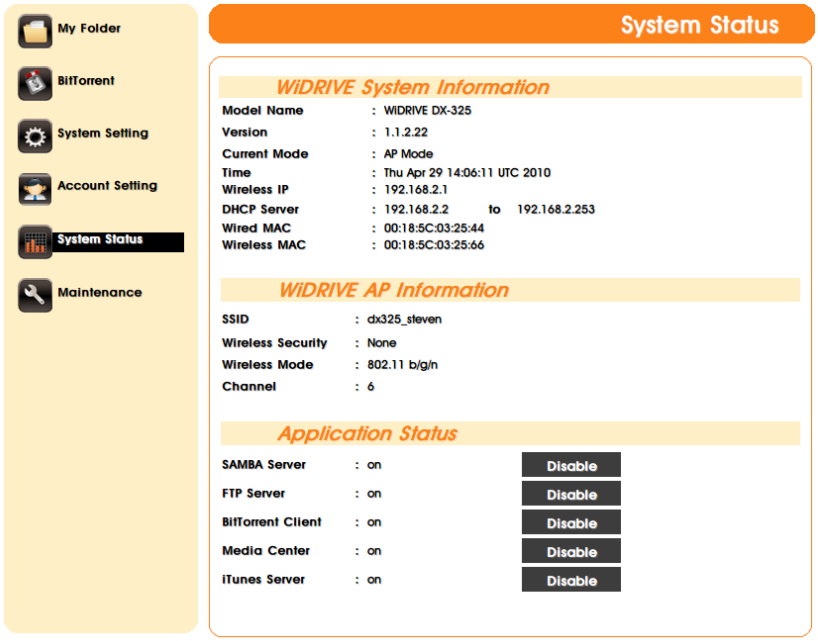
You can register a DDNS account from http://www.dyndns.com so that you can connect and access files in your WiDRIVE no matter where you are.

Host/Domain Name	Type the host/domain name that you have registered with http://www.dyndns.com.
User Name	Type the user name of your DDNS account.
Password	Type the password of your DDNS account.
External Port	Type the port of your DDNS service.

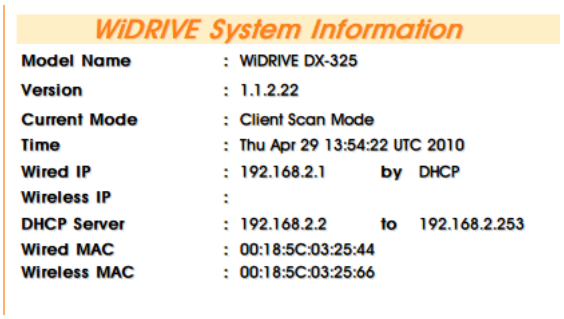
Copyright © 2010 EDSLAB Tech. Inc.

System Status

You can see the runtime status and application status in *System Status* page.



WiDRIVE System Information

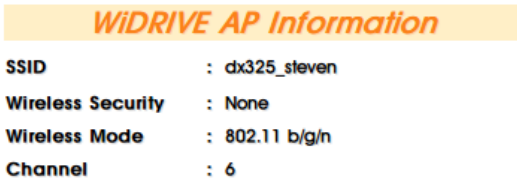

WiDRIVE System Information
Model Name : WiDRIVE DX-325
Version : 1.1.2.22
Current Mode : Client Scan Mode
Time : Thu Apr 29 13:54:22 UTC 2010
Wired IP : 192.168.2.1 by DHCP
Wireless IP :
DHCP Server : 192.168.2.2 to 192.168.2.253
Wired MAC : 00:18:5C:03:25:44
Wireless MAC : 00:18:5C:03:25:66

Model Name	Model name of your WiDRIVE.
Version	Current loaded firmware version.
Current Mode	Current connection mode, AP mode or Client Scan mode.
Time	Current system time.
Wired IP	AP mode: the IP address obtained from router/modem connected. Client Scan mode: The IP address of your WiDRIVE in local network.
Wireless IP	AP mode: The IP address of your WiDRIVE in local network. Client Scan mode: The IP address obtained from wireless router connected.
DHCP Server	The range of addresses available for WiDRIVE to assign to your internal network.
Wired MAC	The MAC address of the wired network in your WiDRIVE.
Wireless MAC	The MAC address of the wireless network in your WiDRIVE.

Copyright © 2010 EDSLAB Tech. Inc.

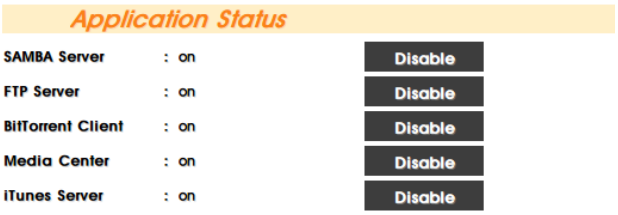
WiDRIVE AP Information

This section appears only in AP mode to indicate the relevent configuration.



Application Status

Indicates the status of applications supported by your WiDRIVE.

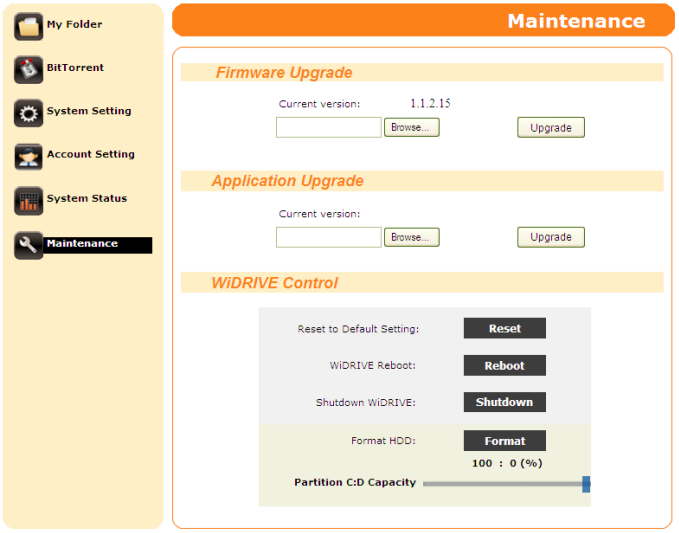


Not installed	The application has been downloaded to your WiDRIVE but not yet installed. Press “Install“ button to install the application.
ON	The application has been installed and is activated. Press “Disable“ button to de-activate the application.
Disabled	The application has been installed and is de-activated. Press “Enable“ button to activate the application.

Copyright © 2010 EDSLAB Tech. Inc.

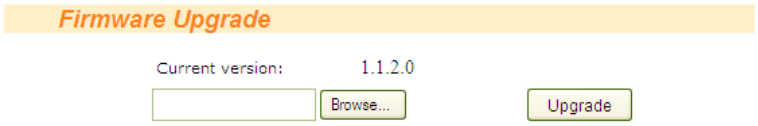
Maintenance

You can update the firmware to the latest version, upload the application package, and initialize your WiDRIVE in the *Maintenance* page.



Firmware Upgrade

You can update your WiDRIVE to the latest firmware to improve the performance.



1. Before upgrading firmware please make sure you have the latest firmware downloaded to the device your browser runs on.

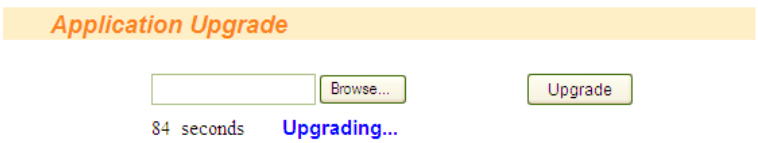
2. Click on the “Browse” button to locate the firmware file on your device.

3. Click on the “Upgrade” button and wait for your WiDRIVE to reboot. The System LED indicator blinks between green and orange during upgrade.

Note!
You can always check the latest firmware from our support site:
http://www.edslab.com/support_cat.php

Application Upgrade

You can uplaod the application package to expand the functionalities of your WiDRIVE.



1. Before uploading application please make sure you have the application package downloaded to the device your browser runs on.

Copyright © 2010 EDSLAB Tech. Inc.

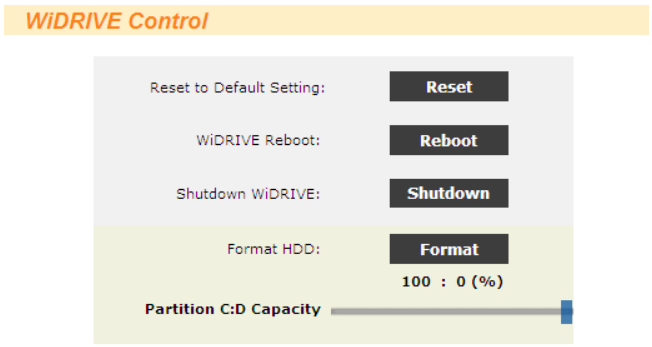
2. Click on the “Browse” button to locate the file on your device.

3. Click on the “Upload” button. The system LED indicator blinks between green and orange during the upgrade.

4. Go to *System Status*, press “install“ button to complete the application installation.

WiDRIVE Control

Click on the control buttons to proceed WiDRIVE control.



Button	Action
Reset	Reset your WiDRIVE to its factory default settings. You can also press the Reset button in the back of the case for the same operation.
Reboot	Reboot your WiDRIVE.
Shutdown	Shutdown your WiDRIVE.
Format HDD	Format the HDD installed in your WiDRIVE. **Step1.** Press and drag the adjustment bar to set up the proportion of C and D drives. **Step2.** Click on “Format” button to format HDD.

Note!
The system LED indicator blinks between green and orange when processing reset, reboot, shutdown, and HDD format.

Note!
The HDD LED indicator blinks between green and orange when processing HDD format.

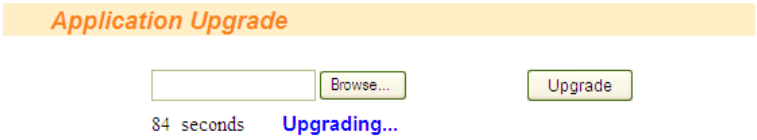
Copyright © 2010 EDSLAB Tech. Inc.

5 WiDRIVE Applications

You can visit our official website for the latest release.

Install the applications

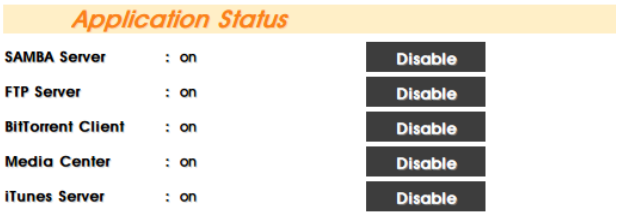
1. Upload the application package downloaded. See “Application Upgrade” on page 26 for operation guide.



2. Press the “Install“ button on *System Status* to install the application.

Enable/disable the applications

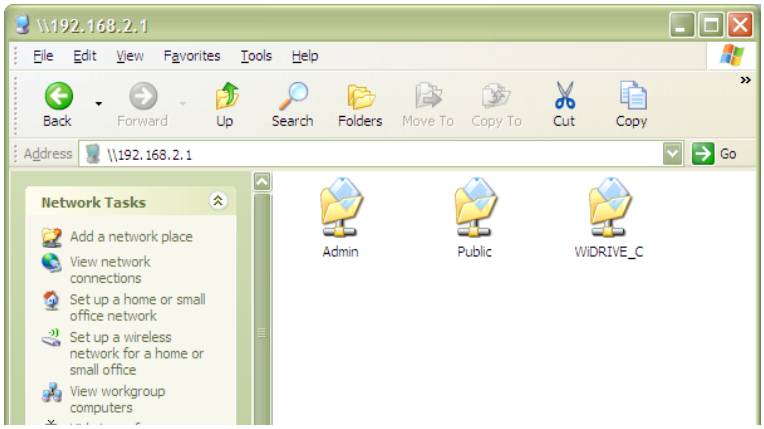
Press “Enable” button to enable the installed application. See “Application Status” on page 25 for operation guide.



The Default Applications in your WiDRIVE

SAMBA Server

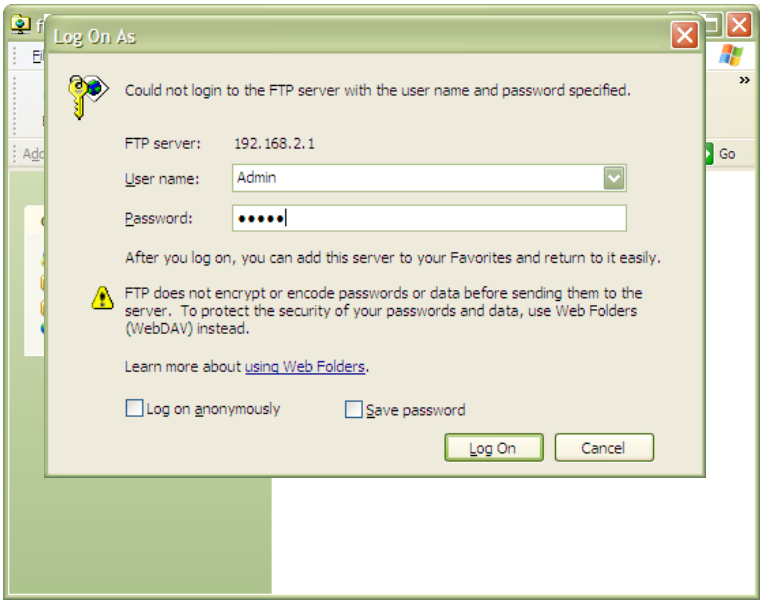
You can access data in your WiDRIVE via My Network Space in Windows operation system. Type “*//WiDRIVE IP*“ in the address box of the File Manager in your Windows OS and then type your WiDRIVE account and password to log on.



Copyright © 2010 EDSLAB Tech. Inc.

FTP Server

You can access data in your WiDRIVE via File Transfer Protocol (FTP) directly. Type "ftp://*WiDRIVE IP*" in the address box of the web browser or your FTP software and then type your WiDRIVE account and password to log on. The port is set to 21.


Log On As
Could not login to the FTP server with the user name and password specified.
FTP server: 192.168.2.1
User name: Admin
Password:
After you log on, you can add this server to your Favorites and return to it easily.
FTP does not encrypt or encode passwords or data before sending them to the server. To protect the security of your passwords and data, use Web Folders (WebDAV) instead.
Learn more about using Web Folders.
Log on anonymously
Save password
Log On
Cancel

BitTirrent Client

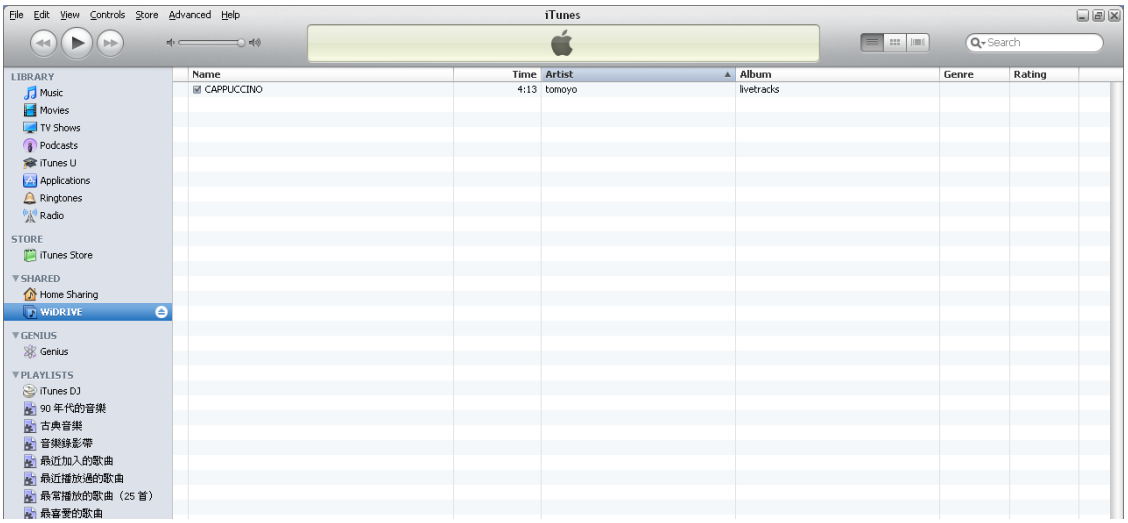
Enable BitTorrent Client to activate the *BitTorrent* page. Please refer to BitTorrent on page 17 for more operation guide.

Media Center

You can stream media files from your WiDRIVE to a UPnP supported home entertainment device such as SONY® PSP and XBOX® 360.

iTunes® Server

iTunes® on your computer automatically detects and add your WiDRIVE to the Shared list.



Copyright © 2010 EDSLAB Tech. Inc.

6 Specification

Dimension	
Size	147 x 93 x 31 mm
Wireless Interface	
Standard Compliance	IEEE 802.11 b/g/n standards
Frequency Range	2,412-2,462 GHz
TX x RX	2 x 2
Security	128/64 bit WEP, WPA, WPA2, WPA+WPA2
LAN Port	
Standard Compliance	IEEE 802.3u (100 Base-TX), 802.3 (10 Base-T)
Speed	10/100 Mbps
Number of Ports	1 WAN port
USB Interface	
Standard Compliance	USB 2.0 high speed
Connector	Mini B type
Internal Storage Support	
Form Factor	2.5” HDD, Prevailing HDD capacity
Interface	SATA
File Systems	FAT32, NTFS
Data Access	Web Folder, Windows My Network Space, FTP, Utility (.Net Framework 2.0 required operation Utility), USB Mode
Web Control	
File Operations	File management for copy, move, rename, delete, search and sort the files
Applications	BitTorrent download, SAMBA, WiFi Signal Scan, iTunes Server, Media Center
Management	Account control, IP (DHCP, Static), DDNS, firmware upgrade, application package upload, factory reset, reboot, HDD format
Others	
Power	AC 110/230V 50/60HZ, DC 5V +- 5%, 2A USB power in USB mode
Regulatory	FCC, CE

Copyright © 2010 EDSLAB Tech. Inc.

7 Regulatory Information

FCC Compliance

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

CAUTION:
1. To comply with FCC RF exposure compliance requirements, a separation distance of at least 20 cm must be maintained between the antenna of this device and all persons.
2. This Transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

NOTE:
This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.
However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- ☐ Reorient or relocate the receiving antenna.
- ☐ Increase the separation between the equipment and receiver.
- ☐ Connect the equipment into an outlet on a circuit different from that to which the receiver is needed.
- ☐ Consult the dealer or an experienced radio/TV technician for help.

FCC Warning:
Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user authority to operate the equipment.

CE Compliance

This product is CE marked in accordance with the requirements of the applicable EU Directives. Responsible for CE marking is EDSLab Technologies Inc. A copy of the official Declaration of Conformity can be obtained from following website: http://www.edslab.com

Working Environment

The Electromagnetic Compliance (EMC) of this product has been verified typically for this product category for a so called Residential, Commercial & Light Industry Environment. Any other working environment has not been verified by EDSLab Technologies Inc. and the use of this product in these working environments is maybe restricted or cannot be recommended. Possible consequences of the use of this product in non verified working environments can be: Disturbances of other products or of this product in the nearby surrounding area with temporarily malfunction or data loss/corruption as result. Example of non verified working environments and related advices:

Industrial environment (e.g. environments where a mains voltage of 380V three-phase is being used mainly):
Danger of disturbances of this product due to possible strong electromagnetic fields especially near to

Copyright © 2010 EDSLAB Tech. Inc.

big machinery or power units.

Medical environment:
The compliance to the Medical Product Directive has not been verified byEDSLab; therefore this product cannot be used as a medical product without further verification. The use in usual office environments e.g. in hospitals should be no problem if there is no restriction by the responsible administration.

This product is not certified as a medical product according to the Medical Product Directive 93/42 EEC.

Automotive environment:
Please search the owner instructions of the related vehicle for advices regarding the use of this product (category).

Aviation environment:
Please follow the instructions of the flight personnel regarding restrictions of use. Additional environments not related to EMC

Outdoor use:
As a typical home/office equipment this product has no special resistance against ingress of moisture and is not strong shock proofed.

Copyright © 2010 EDSLAB Tech. Inc.

8 Trouble Shooting

Question	Answer
I cannot detect WiDRIVE on computer's wireless network connection. What could be the cause?	This could be due to a weak wireless signal or interference from other devices (radio, cordless phone, microwave oven, etc). Do check that the WiDRIVE is operating in AP mode. A computer will not be able to detect if WiDRIVE is switched to Client Scan mode. To ensure a good wireless signal, you may place WiDRIVE closer to your computer and make sure no metalic obstruction is blocking the embedded antenna. You may also try renewing the wireless network connection on your computer and start a new network scan. This can be done by selecting [Repair] option on the Windows's Wireless Network Connection.
I forgot the Admin user name and password for login WiDRIVE, what can I do?	Restore WiDRIVE to its original factory condition by powering up WiDRIVE and then pressing the reset button using a paper clip.
I cannot access the HDD installed in the WiDRIVE.	Follow the instructions in "HDD Installation" on page 5. Please make sure you have installed your HDD correctly.
I cannot find any WiDRIVE by using my WiDRIVE Utility, what can I do?	The UPnP service might be blocked by firewall installed in your computer. Please turn off the firewall service on Windows as well as your antivirus application and then try again.

Copyright © 2010 EDSLAB Tech. Inc.

9 Contact Information

For the latest utility, application, and support document downloads you can visit EDSLAB website:
Http://www.edslab.com/
For technical support please contact support@edslab.com.
For general inquiries please contact sales@edslab.com.

Copyright © 2010 EDSLAB Tech. Inc.